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Attention: Examiner: Marcos L. Torres

Supervisory Examiner: Lester G. Kincaid

UNITED STATES PATENT AND TRADEMARK  
OFFICE

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Supervisory Examiner: Lester G. Kincaid

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Pages: Cover +1+ 10 = 12

Date: May 26, 2005

*Certificate of Transmission*

From: Georgann S. Grunebach

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**Certification of Facsimile Transmission UNDER 37 CFR 1.8**

I hereby certify that the correspondence identified below is being facsimile transmitted to (703) 872-9306 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005.

Georgann S. Grunebach, Reg. No. 33,179

May 26, 2005  
Date

Attention: Examiner Torres

Please find attached Re: 09/858,387

- > Amendment After Final Transmittal
- > Amendment Response to Final Office Letter of March 28, 2005

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

PATENT  
Docket No. PD-201006A  
CUSTOMER NO.: 020881

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang, et al.  
Serial No.: 09/858,387  
Filed: May 15, 2001  
For: COMMUNICATION SYSTEM FOR MOBILE USERS  
USING ADAPTIVE ANTENNAS

Date: May 26, 2005  
Group Art Unit: 2683  
Examiner: Torres, Marcos L.

TRANSMITTAL LETTER FOR AMENDMENT

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: Transmitted herewith is an amendment in the above-identified application.

\_\_\_\_ Applicant petitions for an extension of time for \_\_\_\_\_ months(s) to respond to the Office Action dated \_\_\_\_\_. If an additional extension of time is required, please consider this a petition therefor.

\_\_\_\_ An extension for \_\_\_\_\_ months(s) has already been secured; the fee paid therefor of \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested. \_\_\_\_\_  
Extension fee due with this request \$ \_\_\_\_\_

☒ Applicant believes that no extension of time is required to respond to the Office Action dated **March 28, 2005**. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

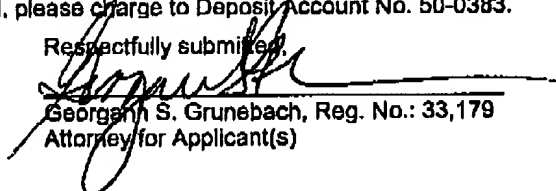
☒ No additional fee for claims is required.

☒ The claims have been calculated as shown below:

CLAIMS AS AMENDED							
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE			
TOTAL CLAIMS	21	minus	22*	=	0	x	\$ 50.00
INDEPENDENT CLAIMS	3	minus	3**	=	0	x	\$ 200.00
MULTIPLE DEPENDENT CLAIMS						+	\$ 360.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:							\$0

Charge \$000.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formerly Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

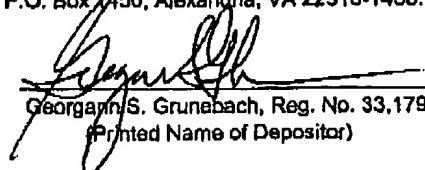
Respectfully submitted,

  
Georgann S. Grunebach, Reg. No.: 33,179  
Attorney for Applicant(s)

## CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that the correspondence identified above is being facsimile transmitted to (703) 872-9306 on May 26, 2005, and is addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

THE DIRECTV GROUP, INC.  
Patent Docket Administration  
Bldg. R11, M/S A109  
PO Box 956  
El Segundo, CA 90245  
Telephone: 310/864.4615  
Date: May 26, 2005


  
Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Depositor)

May 25, 2005  
(Date of Signature)

\* If less than 3, insert 3  
\*\* If less than 20, insert 20

Certification under 37 CFR 1.10

I hereby certify that this correspondence is being facsimile transmitted to 703-872-9306 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005 (date of facsimile transmission) by Georgann S. Grunebach (Name of Registered Representative)

  
Georgann S. Grunebach, Reg. No. 33,179 (Signature)

May 26, 2005 (Date of Signature)

Customer Number 020991

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MAY 26 2005

PATENT  
Docket No. PD-201006A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Donald C. D. Chang

Serial No. 09/858,387

Group Art Unit: 2683

Filed: May 15, 2001

Examiner: Torres, Marcos L.

For: COMMUNICATION SYSTEM FOR MOBILE USERS  
USING ADAPTIVE ANTENNAS

AMENDMENT AFTER FINAL

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated March 28, 2005, please enter the following amendments and remarks.